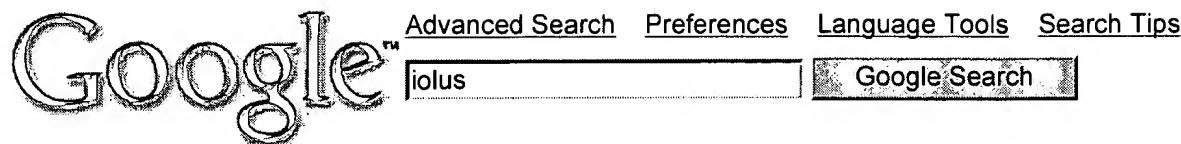


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19	27	380/277,278,281,282,284,285.ccls. and tree	EPO; JPO; DERWENT; IBM_TDB USPAT; EPO; JPO; DERWENT; IBM_TDB USPAT;	2004/01/12 15:52
24	57	713/163.ccls.	EPO; JPO; DERWENT; IBM_TDB	2004/01/12 15:57



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Abstract: As multicast applications are deployed for mainstream use, the need to secure multicast communications will become critical. Multicast, however, does not fit the point-to-point model of most network security protocols which were designed with unicast communications in mind. As we will show, securing multicast (or group) communications is fundamentally different from securing unicast (or paired) communications. In turn, these differences can result in scalability problems for many typical... ([Update](#))

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...have certain overheads or weaknesses. For a # ary tree, the Wong et al. scheme requires # messages to be multicast. In Iolus [18], the new key for each subgroup is multicast to the subgroup encrypted with the old subgroup key. This presents a weakness because it sets up a...

...be updated whenever some members join leave the group. Many work has been done to deal with how to do the group rekeying efficiently [2, 5, 6, 7]. Among these approaches, most of them use the key tree to construct the logical key structure for the group. Using key tree...

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Algorithms for Dynamic - Multicast Key Distribution ([Correct](#))

An Integrated Approach To Encrypting Scalable Video - Ahmet Eskicioglu Dept ([Correct](#))

Dynamic Group Key Distribution Using MDS Codes - Xu ([Correct](#))

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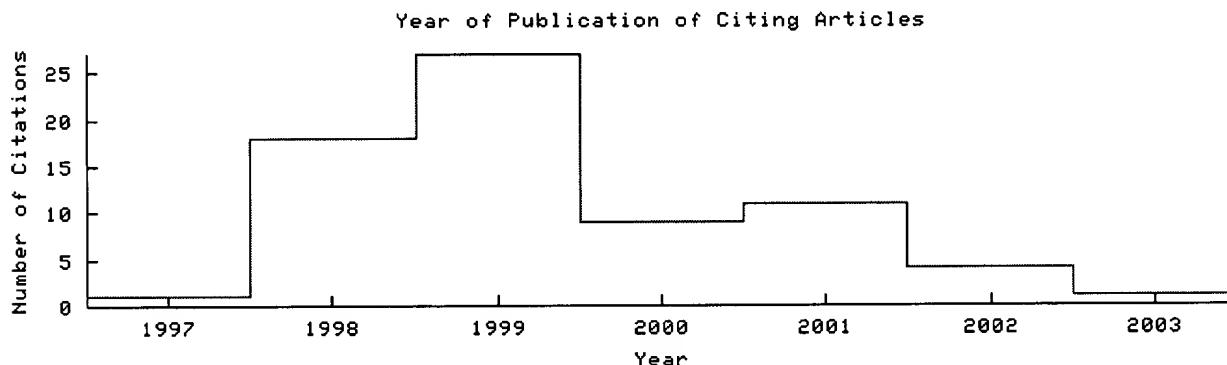
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  author = "Suvo Mittra",
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  booktitle = "{SIGCOMM}",
  pages = "277-288",
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  url = "citeseer.nj.nec.com/mittra97iolus.html" }
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Inventor Name Search Result

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Last Name = CORNILS

First Name = CURTIS

Application#	Patent#	Status	Date Filed	Title	Inventor Name 10
<u>09615307</u>	Not Issued	092	07/13/2000	ARRAY OF PROCESSORS ARCHITECTURE FOR A SPACE-BASED NETWORK ROUTER	CORNILS, CURTIS LEE
<u>09536577</u>	Not Issued	030	03/28/2000	NETWORK COMPROMISE RECOVERY METHODS AND APPARATUS	CORNILS, CURTIS LEE
<u>09385555</u>	<u>6400927</u>	150	08/30/1999	METHOD AND APPARATUS FOR A MAPPING RECEIVER	CORNILS , CURTIS L.
<u>09085685</u>	<u>6269252</u>	150	05/27/1998	PROGRAMMABLE BRIDGING APPARATUS	CORNILS , CURTIS L.
<u>09080113</u>	<u>5999990</u>	150	05/18/1998	COMMUNICATOR HAVING RECONFIGURABLE RESOURCES	CORNILS , CURTIS L.
<u>09080108</u>	Not Issued	161	05/18/1998	METHOD FOR ALLOCATING RESOURCES IN A COMMUNICATOR HAVING MULTIPLE RECONFIGURABLE RESOURCE UNITS	CORNILS , CURTIS L.
<u>09034305</u>	Not Issued	161	03/02/1998	ARCHITECTURE FOR A GROUND SYSTEM TERMINAL FOR A BROADBAND NETWORK	CORNILS , CURTIS
<u>08980296</u>	<u>6098133</u>	150	11/28/1997	SECURE BUS ARBITER INTERCONNECT ARRANGEMENT	CORNILS , CURTIS LEE
<u>08912539</u>	<u>5944822</u>	150	08/18/1997	CHANNEL ISOLATION ARRANGEMENT AND METHOD FOR DISSOCIATED DATA	CORNILS , CURTIS LEE
<u>08309379</u>	<u>5551051</u>	150	09/20/1994	ISOLATED MULTIPROCESSING SYSTEM HAVING	CORNILS , CURTIS

TRACKING CIRCUIT FOR
VERIFYING ONLY THAT
THE PROCESSOR IS
EXECUTING SET OF ENTRY
INSTRUCTIONS UPON
INITIATION OF THE SYSTEM
CONTROLLER PROGRAM

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Last Name = COMER

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Application#	Patent#	Status	Date Filed	Title	Inventor Name
<u>60247181</u>	Not Issued	159	11/09/2000	COMMUNICATION SECURITY INTERFACE	COMER, ERWIN
<u>60195723</u>	Not Issued	159	04/07/2000	COMMUNICATION NETWORK, APPARATUS AND METHOD FOR PROVIDING SURVEILLANCE SERVICES	COMER, ERWIN P.
<u>10167304</u>	Not Issued	030	06/11/2002	COMMUNICATION SYSTEMS AUTOMATED SECURITY DETECTION BASED ON PROTOCOL CAUSE CODES	COMER, ERWIN P.
<u>09950130</u>	Not Issued	030	09/10/2001	INTERCEPTION OF SECURE DATA IN A MOBILE NETWORK	COMER, ERWIN P.
<u>09920198</u>	Not Issued	030	08/01/2001	COMMUNICATION SECURITY SYSTEM	COMER, ERWIN P.
<u>09827199</u>	Not Issued	030	04/05/2001	COMMUNICATION NETWORK WITH A SERVICE AGENT ELEMENT AND METHOD FOR PROVIDING SURVEILLANCE SERVICES	COMER, ERWIN P.
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